

CLAIMS

1. An improved structure of a ratchet wrench characterized in that the ratchet wrench is provided with an adaptation hole to accommodate a ratchet wheel having a plurality of mounting teeth surrounding the external circumferential edge, one lateral side of the adaptation hole is provided with an adaptation recess to accommodate a stopping teeth, a directional block, two resisting element and two elastic bodies, and two resisting edges are provided at an appropriate position on the adaptation recess, and a notch is formed on the stopping teeth which is protruded out with a pivotal rod, the directional block is pivotally mounted to the pivotal rod, and one side of the stopping teeth is provided with a plurality of engaging teeth which is engageable with the engaging teeth of the ratchet wheel, the side face of the stopping teeth is restricted by a 5 left and a right resisting element, and the top end of the two resisting element is formed into a bottom end which is restricted at the stopping face of the stopping teeth, the end terminal of the resisting element is formed into a resisting edge and is then urged at the resisting edge of the adaptation recess, and the two resisting elements are urged by the 10 elastic body such that the elasticity of the elastic body can be engaged 15 20

with the ratchet wheel, thereby the rotating of the directional block will push to press the resisting element to urge the resisting element and the stopping teeth to separate and the ratchet wrench rotates in one direction, and the pushing of another resisting element will separate the resisting element from the stopping teeth, and the ratchet wrench will rotate in another direction.

5. 2. An improved structure of a ratchet wrench as set forth in Claim 1, wherein the internal diameter of the bottom end of the adaptation hole is formed into an engaging edge.
- 10 3. An improved structure of a ratchet wrench as set forth in Claim 1, wherein the center of the ratchet wheel is formed into a hexagonal recess or other shapes of recesses in association with a fastening element.
- 15 4. An improved structure of a ratchet wrench as set forth in Claim 1, wherein the ratchet wrench is protruded with a mounting and to accommodate with a mounting socket.